

Method Statement ref no:	REV:
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Title: Gloucester Ave

Purpose: Site Specific Method Statement

Contractor: Tower Demolition
 Review and acceptance by: Ian Turner
 On Behalf of : 1st Class Scaffolding
 Date: 31st March 2016

Review and acceptance by: Bernard Kerins
 On Behalf of: London Midland
 Date:

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Issue	Date	Author	Checked		Approved	Description
			Construction	SEQ		
01	31/03/16	B.Thompson	B.Thompson/PBC	PBC		Initial Draft

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+ Network Rail Standard NR/SP/CRP/008 Issue 13

++ LUL QUENSH Conditions 2-05104-432 Issue 12c

2.0 Scope of Works

2.1 Work to be undertaken

This method statement covers the erection and dismantling of a scaffold to facilitate the demolition of structures within the boundary of 44-44a Gloucester Ave NW1.

2.2 Limits of work, site boundaries, including time limits

Limits of works and site boundaries are shown on site plan contained in Appendix D. Works are scheduled for duration of 4 months.

2.3 Completion criteria

Works will be considered complete when all reinforced concrete works have been complete and the structure is ready to receive the structural steelwork deck.

3.0 Hazards Identification

3.1 State how hazards have been identified

Hazards have been identified from site visits by experienced staff, and review of available project information.

3.2 List significant hazards (Including manual handling)

- Underground and above ground services
- Use of mechanical hand tools
- Rats – leptospirosis and sharps (needles)
- Use of mechanical plant
- Manual handling
- Noise
- Loading and unloading of vehicles
- Slips, trips and falls
- Lifting operations
- Hot works activities
- Vehicle movements
- Fall from heights
- Working with concrete
- HAV's (Hand arm vibrations)
- Excavation stability
- Pile breakdown

4.0 Railway and Public Interface Arrangements

4.1 Possession, line blockage and isolation arrangements

By others

4.2 Movement of engineering trains

Possession of rail infrastructure will be granted during project works. Overground engineering trains will not be running at this time.

4.3 Justification for Red Zone working / live working

Not applicable

4.4 Red and Green Zone working arrangements

Not applicable

4.5 Disconnection/alteration of Network Rail operational services

Not applicable

4.6 Restricted clearances especially at stations

Not applicable

4.7 Stations, passenger interface

Not applicable

4.8 Arrangements for TSR's

Not applicable

4.9 Signal sighting implications

Not applicable

4.10 Temporary fencing adjacent to railway operations

Not applicable

4.11 Work adjacent to signalling and control staff

Not applicable

4.12 Temporary lighting blinding train drivers

Not Applicable

4.13 Road traffic management and Transportation

Not Applicable

4.14 Road/Rail machines working adjacent to operational lines

Not Applicable

4.15 Handover/Handback arrangements

Not applicable

5.0 Protection Of and From Existing Infrastructure

5.1 Identify hidden services

5.2 Use of approved cable locating tools

5.3 Identify infrastructure susceptible to damage

5.4 Sketch showing location of services

5.5 Protection track/signalling: plant movement/demolition

- 5.6 Additional fire precautions required, Hot Work
- 5.7 Fail safe reconnection of fire protection systems
- 5.8 Disturbance of track support zone, structures, cuttings etc
- 5.9 Disconnection and reconnection of services

6.0 Environmental Protection Arrangements

6.1 Waste and pollution management arrangements and contaminated land

- Skips will be provided at strategic points around the site for the collection of waste. Waste will be separated as far as possible and placed in the appropriate skips.
- The refuelling of plant and machines will be carried out with care. Any fuel spillage will be cleaned up immediately and reported to the Environmental manager. Drip trays will be used for all fixed plant (e.g. pumps and generators). A spill kit and fire extinguisher will be available whilst refuelling is taking place.

6.2 Noise, dust, smoke, lighting and vapour management

Noise generated by these works will be controlled by the councils working hours

No machinery will start work before 08:00 or continue after 18:00, Monday to Friday. Unless specific permission has been granted by the local Authority. Noise will be kept to an absolute minimum, this will be achieved by using plant and equipment fitted with the manufacturers silencing equipment where available and ensuring all plant is switched off when not in use.

Dust will be kept to an absolute minimum during the works process and regular visual assessments will be undertaken in terms of filling dust monitoring sheets by the site management to ensure no undue nuisance is caused by dust. Damping down methods will be undertaken as required.

6.3 De-watering and arrangements for disposal of water

Not Applicable

6.4 Fuels, oils etc storage and containment

Care will be taken when refuelling plant and equipment on site. Funnels and drip trays will be used to prevent ground contamination, and spill kits will be available at all times on site. If spill kits are deployed, these will be disposed of as contaminated waste. Fuel will only be stored in small amounts and then only in bunded tanks. Fuel storage areas will be designated away from open drains, flammable materials and in a locked secure location.

6.5 Protected areas and species, archaeology and management of pests and weeds

There are no known protected species or archaeology within the proposed work area.

6.6 Community interface and notifications

Ongoing liaison will continue to occur with adjacent residents. Party Wall Awards are in place for the works affecting all adjacent properties.

Letter drops will be made prior to the works commencing.

7.0 Plant and Equipment

7.1 Plant and equipment is specified

<ul style="list-style-type: none">• Waste skip• Skill saws	<ul style="list-style-type: none">• Small Tools• Hand tools
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7.2 Competence requirements to operate or erect

All relevant plant operators will hold Construction Industry Training Board (CITB), Construction Plant Competence Scheme (CPCS) and any associated equivalent certificates on site at all times, and a register kept on site. Certification will also be checked and records kept.

7.3 Inspection and examination certificates

The site manager will ensure all certificates are checked and valid. A copy of all inspection certificates will also be kept for any relevant plant on site.

7.4 Temporary lighting

Temporary lighting will be used as required, and set up in suitable positions that are out of the way of plant.

7.5 Cranes, lifting machines etc, including access arrangements

All materials will be manhandled and taken through the existing building, no lifting gear, or mechanical lifting devices will be used. No cranes will be used on site.

7.6 Arrangements for standby plant

All plant will be supplied in good working order with the appropriate certification and service records. The owner in accordance with the manufactures specification will carry out routine maintenance. Any defective equipment will be reported to the owners and repaired or exchanged. A list of contact details for call out fitters will be held by the foreman.

7.7 Loading and marshalling of rail mounted equipment

Not applicable

8.0 Personnel Involved

8.1 Numbers of contractors and sub-contractors

Number of staff may vary through the works but will typically comprise;

1 Site Supervisor 15 General operatives	
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8.2 Supervision arrangements, names of persons in charge

Name	Position	Organisation	Contact number
Ian Turner	Director	Tower Demolition	07836 725786

8.3 Plant and equipment competence and training

See 7.2

8.4 Working hours

The site hours are:

- 08:00 – 18:00 Monday – Friday
- 08:00 – 17:00 Saturday and Sunday

A separate application will be made to the local authority by St Ermins if any works are necessary outside these hours.

The environmental manager will be consulted before any such work is planned.

8.5 Shift handover arrangements

Not applicable.

8.6 Welfare and first aid

Welfare will be provided on site, consisting of a mess-room, kitchen and toilet. First aid facilities will be available at this site and the details of the first aider available on site will be informed to the team when briefing the work plan.

First aid facilities and emergency procedures including the name of the nearest hospital will be clearly displayed in the site office and briefed out to all staff at the site induction.

Location map of the accident and emergency hospitals are included in Appendix B of this method statement.

There will be at least one person on site with five day first aid certification.

The fire plan will be displayed in the site welfare cabins, this plan will show the location of fire points and muster points on site.

8.7 Access requirements, special conditions

Site access will be via Gloucester Ave NW1, through the existing building entrance.

9.0 Methodology

9.1 State order of work

Works Summary

1. Erect Base out to track side
2. Erect scaffolding front and rear for demolition.
3. Mesh sheeting track side
4. Adapt scaffold for new build.
5. Remove all scaffolding.

General

The main site access will be via our site in Gloucester Ave The track side will be carried out over the adjacent entrance.

9.2 Bar chart showing sequence of separate tasks

Not applicable

9.3 Standards and procedures (Network rail and/or Contractors)

All Removal / construction works will be carried out in accordance with St Ermins developer's safety procedures.

9.4 Drawings

Please refer to all drawing listed in the drawing issue register.

9.5 Access and egress arrangements inc. ladders and scaffolds

Clear access will be maintained at all times.

9.6 Delivery and disposal of materials

All deliveries will report to the main entrance where they will be directed to the required offloading location. All loading and unloading will be supervised by a Banksman. Where necessary specific lift permits will be required.

9.7 Detail temporary structures

Not Applicable

9.8 Method of authorising start of work

Work will only commence when the Method Statement has been approved and signed copies are held on site. These documents will be briefed to all staff at induction time when all operatives will be confirmed suitable and copies of all relevant certificates have been acquired. The Section Foreman or Work Manager will ensure that all permits are in place before commencing work. Work will only start when the Tower Demolition supervisor deems that all the resources are in place to carry out the work.

9.9 Protection arrangements

Not applicable.

9.10 Housekeeping

The site will be kept in a safe state with all waste correctly segregated and stored in safe manner to prevent contamination or an unsafe work area. Regular site inspections will take place by Tower Demolition representative and any findings actioned. All demolished material will be regularly removed from site. Access ways will be kept clear at all times.

10.0 Briefing Arrangements

10.1 Who is responsible for briefing the method statement

Site manager or supervisor

10.2 How is understanding confirmed

Following the method statement briefing, questions will be asked to confirm understanding. Any queries will be discussed and answers will be provided by the person briefing the staff.

10.3 How is briefing recorded

Operatives will sign on the method statement briefing record sheet, copies of which will be handed to Tower Demolition for record purposes. A copy of the method statement briefing record sheet is contained in the Appendix .

10.4 Who is briefed on the method statement

All site operatives, supervisors and managers involved in the works including site visitors.

11.0 Safety of Contractors Staff

11.1 Control measures for specific health hazards e.g.; Leptospirosis

All personnel on the site will comply with Tower Demolition site rules. Washing facilities are provided the Tower Demolition site office will be used by all to wash hands prior to handling food after working. Gloves will be worn at all times in accordance with Tower Demolition site rules. All cuts and abrasions will be covered by waterproof dressings.

11.2 Contractors risk assessments / COSHH / Manual Handling

Risk assessments have been carried out for the main risks identified under section 3.2. Detailed risk assessment is included in the Appendix. The controls for these risks have been included in the method and will be incorporated in the work plans.

11.3 Permit to work systems

The following activities require a permit to work.

- Permit to dig - Any activity which involved breaking the ground (including excavation work, driving of pegs, breaking the ground)
- Hot works permit – Any activity, which involved heat including welding, disc cutting and grinding.
- Permit to lift / Lift Plan – Any activity which involves lifting with machines.

Permits will be issued on a daily basis by a person appointed to issue permits as required.

11.4 PPE requirements

Hi visibility vest or coat, hard hat, steel toe laced working boots with steel mid sole, impact safety glasses and gloves appropriate to the task will be worn as a minimum on site at all times. Dust and vapour masks will be worn as required. When using the disc cutter impact goggles and ear defenders must be worn.

Additional PPE required for the task being undertaken may also be identified in the risk assessment. All PPE to be Network Rail compliant

12.0 Communication and Liaison

12.1 Specific persons that must be contacted

Ian Turner	Director	Tower Demolition	07836 725786
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12.2 Third party contact arrangements

All third party contacts will be made through the Tower Demolition management team at Gloucester Ave NW1.

12.3 Communication and liaison arrangements

All communication needing immediate action will be communicated on site directly with Tower Demolition or by mobile phone if staff out on site away from office.

There will be regular progress meetings where non urgent information can be exchanged and any change of scope, programme, resources, or variations can be discussed.

13.0 Handback arrangements

13.1 Additional hand back arrangements with maintainer.

Not applicable

13.2 Handback contingency arrangements

Not applicable

14.0 Emergency Plans

14.1 Contact phone numbers:

Emergency Services: 999

Nearest A & E Department :

St Pancras

4 St Pancras Way

London,

Greater London,

NW1 0PE

Tel: 020 3317 3500

details of which will be posted on notice board in site office and site canteen areas.

All local hospitals listed in Appendix B along with local maps.

14.2 Accident reporting and investigation

In the event of an accident the First Aider will be contacted immediately to control the situation. If necessary, an ambulance will be called. The First Aiders will be identified at the site briefings and wear an identification sticker on their helmet. A first aid kit will be available on site. Major accidents must be reported to the Site Manager immediately after calling the emergency services, minor accidents must be reported as soon as practically possible.

All accidents, incidents or periods of absence resulting from activities at work are to be reported to the Senior Works Manager who will then record it and arrange an investigation. Tower Demolition will carry out investigations as necessary as delegated by the Tower Demolition Director.

14.3 Contingency plans

Not applicable

14.4 Sub standard conditions reporting

Should any substandard conditions occur an action will be taken. If possible minor problems will be corrected, if safe do so, if not supervisor will be notified. If the supervisor is unable or unwilling to deal with the problem, Tower Demolition manager will be informed.

14.5 Pollution control plans and contact numbers

Special control measures relating to Japanese knotweed are to be followed as detailed already in the methodology section. Any spillage / leakage of material will be cleaned up as soon as possible, using suitable spill kits as necessary. Liquid spillages will be prevented from entering drainage systems wherever possible. In the event of any spillage, contact the site manager who will coordinate the response.

For further information, refer to Appendix E 'Environmental Incident Procedure'.

15.0 Support Information

15.1 Drawings of layout of initial, interim and final works

Refer to Appendix.

15.2 Temporary works design, supporting calculations

Temporary works design for the abutment walls will be included in the specific workplan issued

15.3 Checking and approval

Works will be checked with the relevant team.

15.4 Quality control arrangements

Works will be checked with the relevant team.

15.5 Statutory records, signs and notices

All statutory records, signs and notices will be available / displayed in Tower Demolition main site office. Records will be kept of excavations, inspection and testing and materials used.

All mandatory site information and welfare signage will be placed prior to commencement of work and maintained as required.